```
Set     Items    Description
S1    12315358   UNIT OR DEVICE OR ELEMENT OR COMPONENT OR CIRCUIT OR IC OR
                 LOGIC OR BLOCK OR MODULE
S2      208779   (S1 OR SEMICONDUCTOR? ? OR MEMORY OR RAM OR DRAM OR SRAM)(-
                 5N)(TEST??? OR VERIF?) OR DUT OR ATE OR AUTOMAT?()TEST()EQUIP-
                 MENT
S3      864933   (1ST OR FIRST OR ONE OR PRIMARY OR MAIN)(2W)S1
S4      518100   (2ND OR SECOND? OR ANOTHER OR OTHER OR NEIGHBOR?)(2W)S1
S5      255920   SIGNAL? ?(3N)(CONDITION??? OR SHAPE? ? OR SHAPING OR CLARI-
                 F???? OR CLARIFICATION OR BOOST??? OR ENHANC? OR IMPROV? OR A-
                 MPLIF???? OR AMPLIFICATION OR OPTIMIZ? OR OPTIMIS? OR AUGMENT?
                 OR DEMODULAT??? OR DE()MODULAT???)
S6      700241   (SIGNAL? ? OR PATH? ? OR PATHWAY? ? OR ROUTE? ? OR BUS OR -
                 BUSSES OR LINE? ? OR CONDUIT? ? OR CHANNEL? ?)(7N)(SWITCH??? -
                 OR CHOOS??? OR CHOSEN OR SELECT???? OR PICK??? OR MUX??? OR M-
                 ULTIPLEX?)
S7         198   S2 AND S3 AND S4 AND S5 AND S6
S8       75880   S3(10N)(CONNECT??? OR LINK? ? OR PATH? ? OR PATHWAY? ? OR -
                 ROUTE? ? OR BUS OR BUSSES OR LINE? ? OR CONDUIT? ? OR CHANNEL?
                 ?)(10N)S4
S9          59   S2 AND S8 AND S5 AND S6
S10          1   PN=US 20040255213
S11          0   S9 AND S10
S12          0   S7 AND S10
S13          1   S2 AND S3 AND S4 AND S5 AND S10
S14     200233   TWO(2W)(UNITS OR DEVICES OR ELEMENTS OR COMPONENTS OR CIRC-
                 UITS OR ICS OR LOGICS OR BLOCKS OR MODULES)
S15      32328   S14(5N)(CONNECT??? OR LINK? ? OR PATH? ? OR PATHWAY? ? OR -
                 ROUTE? ? OR BUS OR BUSSES OR LINE? ? OR CONDUIT? ? OR CHANNEL?
                 ?)
S16    7073461   (CONNECT??? OR LINK? ? OR PATH? ? OR PATHWAY? ? OR ROUTE? ?
                 OR BUS OR BUSSES OR LINE? ? OR CONDUIT? ? OR CHANNEL? ?)
S17     646573   (1ST OR FIRST OR ONE OR PRIMARY OR MAIN)(2W)S16
S18     492299   (2ND OR SECOND? OR ANOTHER OR OTHER OR NEIGHBOR?)(2W)S16
S19     290515   (TWO OR PARALLEL)(2W)S16
S20         65   S2 AND (S8 OR S15) AND S5 AND S6
S21         25   S20 AND S19
S22         42   S20 AND S17 AND S18
S23         50   S21:S22
S24         45   S23 AND PY=1963:2003
S25         46   S23 AND AY=1963:2003 AND AC=US
S26         48   S24:S25
S27     119073   (SWITCH??? OR CHOOS??? OR CHOSEN OR SELECT???? OR PICK??? -
                 OR MUX??? OR MULTIPLEX?)(15N)S17:S19
S28         36   S26 AND S27
S29         44   S2 AND (S8 OR S15) AND S5 AND S27
S30         17   S29 AND S19
S31         35   S29 AND S17 AND S18
S32         39   S30:S31
S33         36   S32 AND PY=1963:2003
S34         37   S32 AND AY=1963:2003 AND AC=US
S35         37   S33:S34
S36         37   IDPAT (sorted in duplicate/non-duplicate order)
S37      27756   S3(10N)S17(10N)S4(10N)S18
S38      83259   SIGNAL? ?(5N)(CONDITION??? OR SHAPE? ? OR SHAPING)
S39        154   S37 AND S38 AND S27
S40          7   S2 AND S39
S41          1   S40 NOT S36
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File 348:EUROPEAN PATENTS 1978-2007/ 200751
       (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20071227UT=20071120
       (c) 2007 WIPO/Thomson


Set    Items    Description
S1    133182    (TEST??? OR VERIF?)(5N)(UNIT OR DEVICE OR ELEMENT OR COMPO-
                NENT OR CIRCUIT OR IC OR LOGIC OR BLOCK OR MODULE OR SEMICOND-
                UCTOR? ? OR MEMORY OR RAM OR DRAM OR SRAM) OR DUT OR ATE OR A-
                UTOMAT?()TEST()EQUIPMENT
S2    432745    (1ST OR FIRST OR ONE OR PRIMARY OR MAIN)(1W)(UNIT OR DEVICE
                OR ELEMENT OR COMPONENT OR CIRCUIT OR IC OR LOGIC OR BLOCK OR
                MODULE)
S3    373211    (2ND OR SECOND? OR ANOTHER OR OTHER OR NEIGHBOR?)(1W)(UNIT
                OR DEVICE OR ELEMENT OR COMPONENT OR CIRCUIT OR IC OR LOGIC OR
                BLOCK OR MODULE)
S4    240854    TWO(2W)(UNITS OR DEVICES OR ELEMENTS OR COMPONENTS OR CIRC-
                UITS OR ICS OR LOGICS OR BLOCKS OR MODULES)
S5    175263    SIGNAL? ?(3N)(CONDITION??? OR SHAPE? ? OR SHAPING OR CLARI-
                F???? OR CLARIFICATION OR BOOST??? OR ENHANC? OR IMPROV? OR A-
                MPLIF???? OR AMPLIFICATION OR OPTIMIZ? OR OPTIMIS? OR AUGMENT?
                OR DEMODULAT??? OR DE()MODULAT???)
S6   2005356    CONNECT??? OR LINK? ? OR PATH? ? OR PATHWAY? ? OR ROUTE? ?
                OR BUS OR BUSSES OR LINE? ? OR CONDUIT? ? OR CHANNEL? ?
S7    369312    (1ST OR FIRST OR ONE OR PRIMARY OR MAIN)(2W)S6
S8    351842    (2ND OR SECOND? OR ANOTHER OR OTHER OR NEIGHBOR?)(2W)S6
S9    221014    (TWO OR PARALLEL)(2W)S6
S10    76251    S7:S9(7N)(SWITCH??? OR CHOOS??? OR CHOSEN OR SELECT???? OR
                PICK??? OR MUX??? OR MULTIPLEX? OR ALTERNAT?)
S11   124078    S2(20N)S3
S12      142    S11(50N)S5(50N)S10
S13       11    S1(50N)S11(50N)S5(50N)S10
S14       17    S1(100N)S11(100N)S5(100N)S10
S15       17    IDPAT (sorted in duplicate/non-duplicate order)
S16    52595    SIGNAL? ?(3N)(CONDITION??? OR SHAPE? ? OR SHAPING OR CLARI-
                F???? OR CLARIFICATION)
S17       35    S11(50N)S16(50N)S10
S18       30    S17 NOT S14
S19       24    S18 AND PY=1978:20034
S20       13    S18 AND (AC=US OR AC=US/PR) AND AY=1978:2003
S21       24    S19:S20
S22       24    IDPAT (sorted in duplicate/non-duplicate order)
S23    12094    S7(10N)(OPPOSITE OR REVERSE OR DIRECTION)(10N)S8
S24    14454    S9(10N)(OPPOSITE OR REVERSE OR DIRECTION)
S25     2035    S10(50N)S23:S24
S26       76    S10(50N)S23:S24(50N)S5
S27        0    S1/TI,AB AND S26
S28        2    S1(100N)S26
S29       76    S26:S28
S30       72    S29 NOT (S14 OR S18)
S31       56    S30 AND PY=1978:2003
S32       38    S30 AND (AC=US OR AC=US/PR) AND AY=1978:2003
S33       60    S31:S32
S34       60    IDPAT (sorted in duplicate/non-duplicate order)
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